

## DESIGNATION LIST

(C)

SW 1

CP 86

CP 64

R30

CP 50

CP 38

CP 109

FB 1

CP 111

FB 3

CP 113

FB 5

CP 115

FB 7

CP 117

FB 9

CP 119

FB 11

CP 121

FB 13

CP 123

FB 15

CP 125

FB 17

J 4

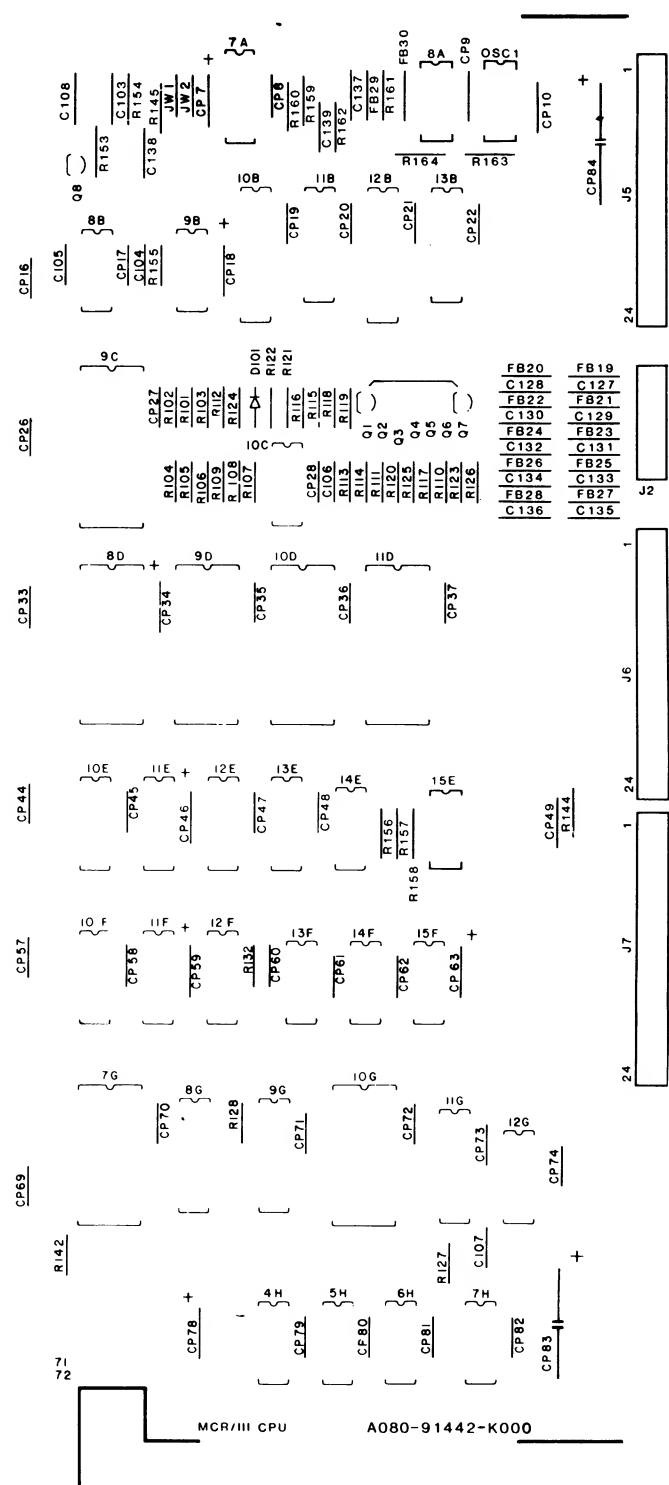
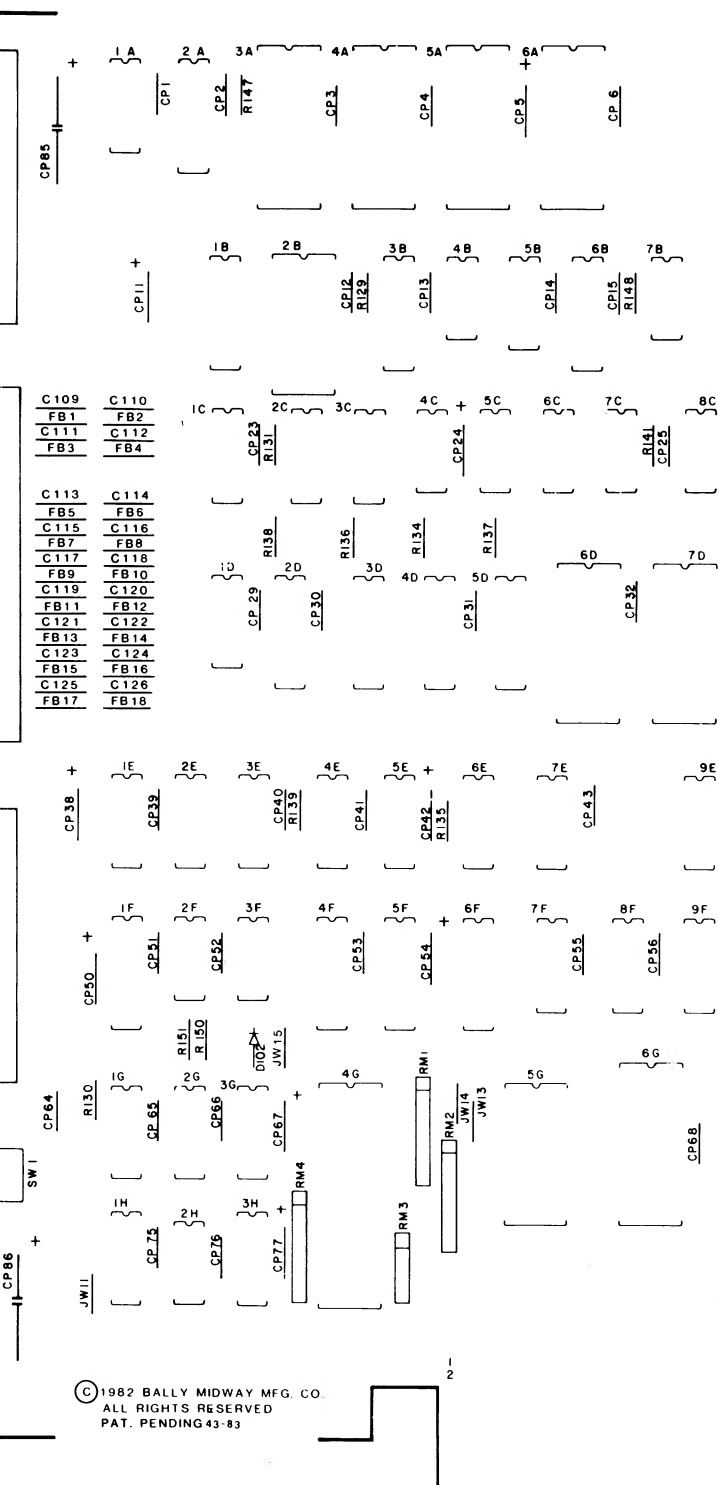
J 1

J 3

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+

+



DESCRIPTION  
33 PF  
47 PF  
100 PF  
330 PF  
390 PF  
.01UF

470 PF  
10 OHM 1/4W CR  
33 OHM 1/4W CR  
68 OHM 1/4W CR  
82 OHM 1/4W CR  
100 OHM 1/4W CR  
270 OHM 1/4W CR  
470 OHM 1/4W CR  
510 OHM 1/4W CR  
560 OHM 1/4W CR  
820 OHM 1/4W CR  
1K OHM 1/4W CR

2K OHM 1/4W CR  
4.7K OHM 1/4W CR  
8.2K OHM 1/4W CR  
4.7K 10 PIN SIP  
4.7K 6 PIN SIP  
74LS04  
74LS04  
74LS08  
74LS10  
74LS10  
74LS20  
74LS27  
74LS30  
74LS32  
74LS74  
74LS86  
74LS138  
74LS139  
74LS153  
74LS157

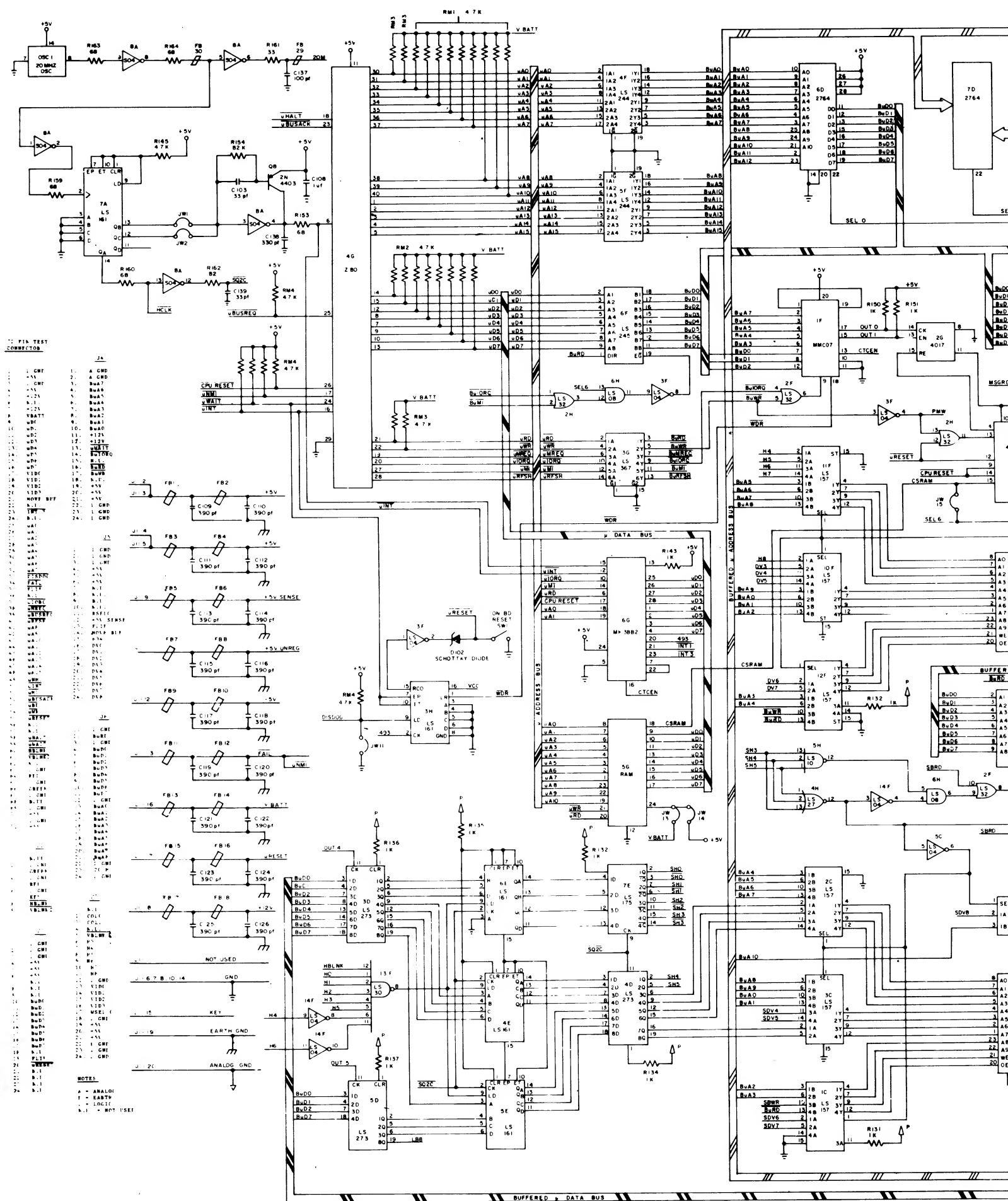
74LS161  
74LS161  
74LS174  
74LS175  
74LS244  
74LS245  
74LS273

# CROSS REFERENCE LIST

DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.	DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
33 PF	2	C103,C139	0986-00800-0300	74LS367	1	3G	0986-00803-2200
47 PF	10	C127-C136	0986-00800-2800	Z80B	1	4G	0304-00803-0066
100 PF	2	C107,C137	0986-00800-1000	Z80BCTC	1	6G	0304-00803-0064
330 PF	1	C138	0986-00800-1300	4017	1	2G	0986-00803-8700
390 PF	20	C105,C106,C109-C126	0986-00800-3000	4053	1	1G	0986-00803-2000
.01UF	66	CP1-CP4,CP6,CP8-CP10,CP12-CP17,CP19-CP23,CP25-CP33,CP35-CP37,CP39-CP41,CP43-CP45,CP47-CP49,CP51-CP53,CP55-CP58,CP60-CP62,CP64-CP66,CP68-CP76,CP79-CP82	0986-00800-2200	DATA RET RAM	1	5G	0304-00803-0079
.1 PF	2	C104,C108	0986-00800-0200	82S09	1	9C	0986-00803-9600
10 PF	16	CP5,CP7,CP11,CP18CP24,CP34,CP38,CP42,CP46,CP50,CP54,CP59,CP63,CP67,CP77,CP78	0986-00800-3400	STAT RAM	1	7G	0986-00803-1008
470 UF	4	CP83-CP86	0986-00800-3300	H-T	1	10B	0986-00803-8900
10 OHM 1/4W CRBN	6	R115,R116,R118,R119,R121,R122	100E-00005-0011	V-T	1	12B	0986-00803-9000
33 OHM 1/4W CRBN	1	R161	100E-00005-0021	MISC V&H	1	11B	0986-00803-9100
68 OHM 1/4W CRBN	5	R153,R159,R160,R163,R164	100E-00005-0029	MISC CUSTOM	1	13B	0986-00803-9200
82 OHM 1/4W CRBN	4	R156-R158,R162	100E-00005-0031	NVR CONT	1	1F	0986-00804-3200
100 OHM 1/4W CRBN	1	R113	100E-00005-0033	2K X 8 RAM	1	2B	0304-00803-0067
270 OHM 1/4W CRBN	3	R110,R112,R111	100E-00005-0044	EPROM-A	1	6D	0A27-00803-0001
470 OHM 1/4W CRBN	3	R117,R120,R123	100E-00005-0051	EPROM-B	1	7D	0A27-00803-0002
510 OHM 1/4W CRBN	3	R103,R106,R109	100E-00005-0053	EPROM-C	1	8D	0A27-00803-0003
560 OHM 1/4W CRBN	2	R125,R126	100E-00005-0054	EPROM-D	1	9J	0A27-00803-0004
820 OHM 1/4W CRBN	1	R114	100E-00005-0058	EPROM-E	1	10D	0A27-00803-0005
1K OHM 1/4W CRBN	24	R102,R105,R108,R124,R127,R128,R129,R131,R132,R134-R139,R141,R142,R144,R145,R147,R148,R150,R151,R155	100E-00005-0061	EPROM-F	1	11D	0A27-00803-0006
2K OHM 1/4W CRBN	3	R101,R104,R107	100E-00005-0068	EPROM-BG-A	1	3A	0A27-00803-0007
4.7K OHM 1/4W CRBN	1	R130	100E-00005-0079	EPROM-BG-B	1	4A	0A27-00803-0008
82K OHM 1/4W CRBN	1	R154	100E-00005-0112	EPROM-BG-C	1	5A	0A27-00803-0009
4.7K 10PIN SIP	3	RM1, RM2, RM4	102E-00004-0026	EPROM-BG-D	1	6A	0A27-00803-0010
4.7K 6PIN SIP	1	RM3	102E-00004-0027	EPROM-10 G	1	10G	0A27-00803-0011
74LS04	3	8A,7B,15F	0986-00803-0400	JUMPERS	6	JW1,JW2,JW11,JW13,JW14,JW15	0986-00804-4000
74LS04	4	5C,10C,3F,14F	0986-00803-1007	4148	1	D101	103E-00002-0005
74LS08	3	8C,6H,7F	0986-00803-1006	1N5817	1	D102	103E-00003-0009
74LS10	1	5H	0304-00803-0014	2N4123	1	Q1	104E-00001-0007
7420	1	7H	0304-00803-0015	MPSA70	6	Q2-Q7	104E-00002-0012
74LS20	2	7C,15F	0986-00803-3400	2N4403	1	Q8	104E-00002-0006
74LS27	2	14E,4H	0986-00803-9500	P.B. SWITCH	1	SW1	0986-00804-3100
7430	1	13F	0304-00803-0065	FERRITE BEAD	30	FRT-FR30	0316-00804-0002
74LS30	1	4C	0304-00803-0016	20 MHZ ATAL OSC	1	OSC 1	0314-00804-0007
74LS32	4	6C,2F,2H,9F	0986-00803-0600	24 PIN SOCKET	4	ICS 2H,5G,7G,10G	0986-00804-3400
74LS74	2	8B,9B	0986-00803-1005	40 PIN SOCKET	1	ICS 4G	0986-00804-3500
74LS86	1	4B	0986-00803-9900	8 PIN SOCKET	2	ICS A10B,A10C	0986-00804-3600
74LS138	2	8F,1H	0986-00803-1900	16 PIN SOCKET	2	ICS R10B,R10C	0986-00804-3700
74LS139	1	9E	0304-00803-0042	20 PIN SOCKET	3	ICS 11B,13B,1F	0986-00804-3800
74LS153	3	1A,5B,12G	0986-00803-1000	28 PIN SOCKET	12	ICS 3A-6A,9C,6G,6D-11D	0986-00804-3900
74LS157	10	1C,2C,3C,1D,10E,11E,12F,10F,11F,12F	0986-00803-9700	KK100 24 PIN	5	13-17	0986-00804-4700
74LS161	1	7A	0304-00803-0038	RT ANGLE	1	13-17	0986-00804-4800
74LS161	7	1E,2E,3E,4E,5E,6E,3H	0986-00803-1003	FLEX PAC JUMPER	5	13-17	0986-00804-4900
74LS174	1	13E	0986-00803-9800	FMD HDR 100C	1	12	3000-16366-0902
74LS175	1	7E	0304-00803-0025	OMIT 3	1	11	3000-16500-0900
74LS244	2	4F,5F	0986-00803-0800	FMD HDR 156C	1	11	3000-16500-0900
74LS245	3	1B,6F,8G	0986-00803-0900	OMIT 15	1	11	3000-16500-0900
74LS273	9	2A,3B,6B,2D,9G,11G,3D,4D,5D	0986-00803-1001				

684 PART NO FOR KK156 HEADER BK

PROJECT ENG. R.A. PLOUSSARD		USED ON SPY HUNTER		Bally / MIDWAY MFG.CO. FRANKLIN, PA. U.S.A.	
DONOR: ALL DATA		HEAT TREAT	SCALE FULL	NO REQ'D I PER	
DIM TOLERANCES (UNLESS OTHERWISE SPECIFIED)		MAT'L	MCR III CPU BOARD ASSEMBLY DWG A082-91442-K000		PART NO M051-00304-K003
DATE 2/6/84		FINISH			



PC PIN TEST CONNECTOR

- | PC PIN TEST CONNECTOR | J4        |
|-----------------------|-----------|
| 1. GND                | 1. A GND  |
| 2. +5V                | 2. A GND  |
| 3. +5V                | 3. BuA7   |
| 4. +2V                | 4. BuA6   |
| 5. +5V                | 5. BuA5   |
| 6. +5V                | 6. BuA4   |
| 7. +5V                | 7. BuA3   |
| 8. +5V                | 8. BuA2   |
| 9. +5V                | 9. BuA1   |
| 10. +5V               | 10. BuA0  |
| 11. +5V               | 11. BuD7  |
| 12. +5V               | 12. BuD6  |
| 13. +5V               | 13. BuD5  |
| 14. +5V               | 14. BuD4  |
| 15. +5V               | 15. BuD3  |
| 16. +5V               | 16. BuD2  |
| 17. +5V               | 17. BuD1  |
| 18. +5V               | 18. BuD0  |
| 19. +5V               | 19. BuD7  |
| 20. +5V               | 20. BuD6  |
| 21. +5V               | 21. BuD5  |
| 22. +5V               | 22. BuD4  |
| 23. +5V               | 23. BuD3  |
| 24. +5V               | 24. BuD2  |
| 25. +5V               | 25. BuD1  |
| 26. +5V               | 26. BuD0  |
| 27. +5V               | 27. BuD7  |
| 28. +5V               | 28. BuD6  |
| 29. +5V               | 29. BuD5  |
| 30. +5V               | 30. BuD4  |
| 31. +5V               | 31. BuD3  |
| 32. +5V               | 32. BuD2  |
| 33. +5V               | 33. BuD1  |
| 34. +5V               | 34. BuD0  |
| 35. +5V               | 35. BuD7  |
| 36. +5V               | 36. BuD6  |
| 37. +5V               | 37. BuD5  |
| 38. +5V               | 38. BuD4  |
| 39. +5V               | 39. BuD3  |
| 40. +5V               | 40. BuD2  |
| 41. +5V               | 41. BuD1  |
| 42. +5V               | 42. BuD0  |
| 43. +5V               | 43. BuD7  |
| 44. +5V               | 44. BuD6  |
| 45. +5V               | 45. BuD5  |
| 46. +5V               | 46. BuD4  |
| 47. +5V               | 47. BuD3  |
| 48. +5V               | 48. BuD2  |
| 49. +5V               | 49. BuD1  |
| 50. +5V               | 50. BuD0  |
| 51. +5V               | 51. BuD7  |
| 52. +5V               | 52. BuD6  |
| 53. +5V               | 53. BuD5  |
| 54. +5V               | 54. BuD4  |
| 55. +5V               | 55. BuD3  |
| 56. +5V               | 56. BuD2  |
| 57. +5V               | 57. BuD1  |
| 58. +5V               | 58. BuD0  |
| 59. +5V               | 59. BuD7  |
| 60. +5V               | 60. BuD6  |
| 61. +5V               | 61. BuD5  |
| 62. +5V               | 62. BuD4  |
| 63. +5V               | 63. BuD3  |
| 64. +5V               | 64. BuD2  |
| 65. +5V               | 65. BuD1  |
| 66. +5V               | 66. BuD0  |
| 67. +5V               | 67. BuD7  |
| 68. +5V               | 68. BuD6  |
| 69. +5V               | 69. BuD5  |
| 70. +5V               | 70. BuD4  |
| 71. +5V               | 71. BuD3  |
| 72. +5V               | 72. BuD2  |
| 73. +5V               | 73. BuD1  |
| 74. +5V               | 74. BuD0  |
| 75. +5V               | 75. BuD7  |
| 76. +5V               | 76. BuD6  |
| 77. +5V               | 77. BuD5  |
| 78. +5V               | 78. BuD4  |
| 79. +5V               | 79. BuD3  |
| 80. +5V               | 80. BuD2  |
| 81. +5V               | 81. BuD1  |
| 82. +5V               | 82. BuD0  |
| 83. +5V               | 83. BuD7  |
| 84. +5V               | 84. BuD6  |
| 85. +5V               | 85. BuD5  |
| 86. +5V               | 86. BuD4  |
| 87. +5V               | 87. BuD3  |
| 88. +5V               | 88. BuD2  |
| 89. +5V               | 89. BuD1  |
| 90. +5V               | 90. BuD0  |
| 91. +5V               | 91. BuD7  |
| 92. +5V               | 92. BuD6  |
| 93. +5V               | 93. BuD5  |
| 94. +5V               | 94. BuD4  |
| 95. +5V               | 95. BuD3  |
| 96. +5V               | 96. BuD2  |
| 97. +5V               | 97. BuD1  |
| 98. +5V               | 98. BuD0  |
| 99. +5V               | 99. BuD7  |
| 100. +5V              | 100. BuD6 |

NOTES:  
A = ANALOG  
E = EARTH  
L = LOGIC  
N.I. = NOT USED

